ABSTRACT OF THE DISCLOSURE

Since an outer casing having an opening, an operating lever being pivotably supported by a stick controller disposed in the outer casing, encoders for detecting the amount of pivotal movement and the direction of pivotal movement of the operating lever, and motors for imparting a desired external force to the operating lever are provided, the outer casing is formed with a projecting shoulder of a square shape in plan view, four outer surfaces of the projecting shoulder constitute fingerhooks respectively, and the operating lever is projected from the opening formed at the center of the projecting shoulder, when the operator pivots the operating lever, he/she can pivot the operating lever with his/her finger in a state in which his/her other fingers are placed on any one of fingerhooks of the projecting shoulder.